

Amendments to the Claims:

The following listing of claims replaces all previous listings.

1. (Previously Presented) A patch panel comprising:
 - a back plane having a front major surface and, a back major surface facing in an opposite direction;
 - a plurality of pairs of termination locations mounted to the front major surface of the back plane, each termination location including a patch cord access device defining electrical contacts connected to the back plane for electrically connecting to conductors in a patch cord;
 - a plurality of interconnect locations mounted to the front major surface of the back plane, each interconnect location defining a card edge socket with normally connected contact pairs connected to the back plane, each contact pair electrically connected in the absence of an interconnect module introduced into the card edge socket;
 - circuitry on the back plane for connecting each termination location of each pair to one of the interconnect locations.
2. (Original) The patch panel of claim 1, wherein one of the pairs of termination locations includes two RJ45 jacks.
3. (Original) The patch panel of claim 1, wherein one of the pairs of termination locations includes two insulation displacement contacts.
4. (Original) The patch panel of claim 1, wherein one of the pairs of termination locations includes an insulation displacement contact and an RJ45 jack.
5. (Original) The patch panel of claim 1, further comprising a module defining an edge contact sized for receipt in one of the card edge sockets of one of the interconnect locations.
6. (Original) The patch panel of claim 1, further comprising a power module mounted to the back major surface and electrically connected to the circuitry.

7. (Original) The patch panel of claim 1, further comprising a CPU module mounted to the back major surface and electrically connected to the circuitry.

8. (Previously Presented) A patch panel comprising:

a back plane having a front major surface and a back major surface;

a plurality of pairs of termination locations mounted to the front major surface of the back plane, each termination location including a patch cord access device defining electrical contacts connected to the back plane for electrically connecting to conductors in a patch cord;

a plurality of interconnect locations for each receiving a removable circuit module, each interconnect location mounted to the front major surface of the back plane and including normally connected contact pairs, each contact pair electrically connected in the absence of a circuit module;

circuitry on the back plane for connecting each termination location of each pair to one of the interconnect locations;

at least one removable circuit module mounted to one of the interconnect locations, the removable circuit module including circuitry connected to the interconnect location for connecting to one of the pairs of termination locations.

9. (Original) The patch panel of claim 8, wherein one of the pairs of termination locations includes two RJ45 jacks.

10. (Original) The patch panel of claim 8, wherein one of the pairs of termination locations includes two insulation displacement contacts.

11. (Original) The patch panel of claim 8, wherein one of the pairs of termination locations includes an insulation displacement contact and an RJ45 jack.

12. (Original) The patch panel of claim 8, further comprising a power module mounted to the back major surface and electrically connected to the circuitry.

Serial No. 10/814,107
Group Art Unit: 2841

13. (Original) The patch panel of claim 12, further comprising a CPU module mounted to the back major surface and electrically connected to the circuitry.

14. (Canceled)

15. (Canceled)